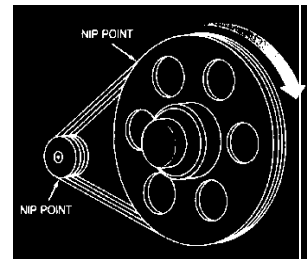
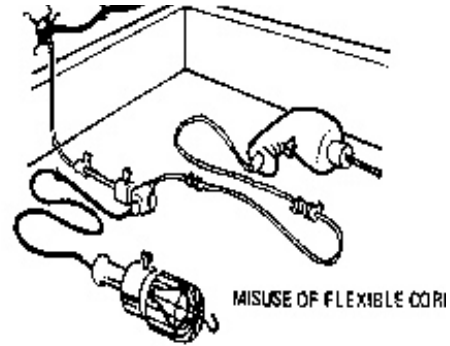


# GENERAL MACHINERY AND TOOL REQUIREMENTS

## You Must:

- use only approved hand tools that are in good condition.
- ensure that all cord operated tools are grounded or are the approved double insulated type.
- ensure that all portable fans have a protective guard with half inch or smaller openings.
- ensure that employees are trained in the proper operation of each piece of equipment.
- ensure that the machine operator can safely reach all controls from the machine's point of operation and that the operator can cut off the power to the machine without leaving his/her position at the point of operation. The point of operation is the area of the machine where material is positioned and work is being performed.
- ensure that all equipment capable of storing energy is locked out and tagged during servicing and repairs. (See the Lockout/Tagout section of this manual.)
- be aware that ground fault circuit interrupters (GFCI) are required for new outlets, and in some instances, on existing outlets. Contact BuSET or CTAP for more information.
- ensure that the machine's "pinch points" (also known as "nip points") are guarded with a protective cover. A pinch point is any point, other than the point of operation of the machine, where a part of the body may be caught by the machine's moving parts.
- follow appropriate regulations for welding operations (see Welding section in Chapter 4.)
- follow appropriate regulations for grinding operations (see Grinding section in Chapter 4.)



## You Must:

### AIR COMPRESSORS AND COMPRESSED AIR: [OSHA]

- ensure that air compressors are properly maintained and operated according to manufacturer's recommendations.
- post signs warning of the automatic start-up feature of air compressors.
- **not** use compressed air to clean off clothes or body.
- not use compressed air for cleaning unless the pressure is reduced below 30 psi and proper chip guards are in place.

- not use compressed air when working on brake jobs, unless within a self-enclosed vacuum system. (See Brake and Clutch repair section in Chapter 4.)
- regularly drain moisture from the lowest point of pressure in the line.

**You Must:**

**HOISTS OR CRANES:**

- ensure that the rated load is marked and is visible to the operator.
- ensure that the hoist or crane is able to hold up to 125% of its rated load.
- not carry loads over people.

**You Must:**

**LIFTS:**

- have a locking mechanism in place anytime someone is under the lift. Lifts that have a locking mechanism only when the lift is fully extended must only be used in the fully extended position.
- ensure that lifts not having a built-in locking mechanism are secured with an adjustable jack capable of supporting three times the lifts rated capacity. Secure the lift, not the car.
- ensure lifts are not leaking. Call IDEM's Spill 24-Hour Emergency Hotline to report leaks and spills.

**317/233-7745 local and out-of-state  
or  
toll-free at 888/233-7745 (in-state only)**

# **WARNING:**

**This air compressor is equipped with  
an automatic start-up feature**